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Patent claims

- A method for the production of tubular membranes, 5 characterized in that a tubular body (10) constructed from a plurality of threads (12) in such a way that at least some of the threads (12) substantially firmly together are tied fillet-like connecting lines (14), in that between 10 the fillet-like connecting lines (14) at least some of the threads (12) form the transverse connection (16) between the mutually adjacent connecting lines (14), and in that a predefinable membrane material (18) is applied to the tubular 15 body (10).
- 2. The method as claimed in claim 1, characterized in that the tubular body (10) is created by means of a crocheting device, and in that each inserted thread is assigned its own hooked needle or crochet needle.
- 3. The method as claimed in claim 2, characterized in the tubular (10)body is created by 25 crocheting in such a way that passages (20) allowing liquid to pass through at a high flow rate are formed between the individual transverse connections (16), and in that the fillet-like connecting lines (14) are designed 30 substantially liquid-tight or to allow liquid to pass through at a low flow rate.
- 4. The method as claimed in one of claims 1 through
 3, characterized in that the threads
 (monofilaments or multifilaments) are chosen from
 the group of
 - synthetic materials such as polyester,
 polyaramides, other polymers, carbon, Kevlar or

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- metals (wires) such as nickel, platinum,
 palladium, gold, silver, stainless steel or
- catalytically active substances such as ruthenium, rhodium, iridium, nickel or
- other materials such as cellulose acetate, glass fibers, graphite powder, activated charcoal or

from mixtures and compounds of the aforementioned groups.

- The method as claimed in one of claims 1 through 5 -4, characterized in that the adjacent transverse connections (16) are arranged between connecting lines (14) in such a way that between 15 70°, them they enclose an angle of 10 to preferably of approximately 30°.
- 6. The method as claimed in one of claims 1 through 5, characterized in that the tubular body (10) is constructed from at least three, preferably six connecting lines (14) between which three, preferably six surfaces of transverse connections (16) extend on which the membrane material is applied.
- 7. The method as claimed in one of claims 1 through 6, characterized in that the tubular body (10) is coated with a membrane-activatable substance which is guided through a precipitation bath, the substance being converted into a microporous membrane layer.
- 8. The method as claimed in one of claims 1 through
 7, characterized in that the membrane materials
 are chosen from the group of synthetic materials
 such as polyethersulfone, polysulfone,
 polyacrylonitrile or polyvinylidene fluoride.

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9. A tubular membrane produced by the method as claimed in one of patent claims 1 through 8, characterized in that the tubular body (10) is constructed from a plurality of threads (12) in such a way that at least some of the threads (12) are tied substantially firmly together along fillet-like connecting lines (14), in that between the fillet-like connecting lines (14) at least some of the threads (12) form the transverse connection (16) between the mutually adjacent connecting lines (14), and in that a predefinable membrane material (18) is applied to the tubular body (10).